Desilting of Storm Water Drain in Ward No-10 (Doddabommasandra), Vidyaranyapura Sub Division.
Volume Report Between Existing Level and Proposed Level

Sl. No.	Section From	Previous Section	Difference	Width	Cutting Volume			
					Area Sq. Meters	Previous Area	Average Sq. Meters	Volume Cubic Meters
1	0.000	-	0.000	1.795	3.653	0.000	1.827	0.000
2	30.000	0.000	30.000	1.936	4.305	3.653	3.979	119.370
3	60.000	30.000	30.000	1.905	3.959	4.305	4.132	123.960
4	90.000	60.000	30.000	1.889	3.998	3.959	3.979	119.355
5	120.000	90.000	30.000	1.924	4.035	3.998	4.017	120.495
6	150.000	120.000	30.000	1.978	4.226	4.035	4.131	123.915
7	180.000	150.000	30.000	2.126	4.759	4.226	4.493	134.775
8	210.000	180.000	30.000	2.043	4.409	4.759	4.584	137.520
9	240.000	210.000	30.000	2.034	4.335	4.409	4.372	131.160
10	270.000	240.000	30.000	1.925	3.618	4.335	3.977	119.295
11	300.000	270.000	30.000	1.948	3.290	3.618	3.454	103.620
12	330.000	300.000	30.000	1.979	3.378	3.290	3.334	100.020
13	360.000	330.000	30.000	1.585	2.832	3.378	3.105	93.150
14	390.000	360.000	30.000	1.949	3.372	2.832	3.102	93.060
15	420.000	390.000	30.000	1.741	3.002	3.372	3.187	95.610
16	450.000	420.000	30.000	1.952	3.182	3.002	3.092	92.760
17	480.000	450.000	30.000	2.373	4.321	3.182	3.752	112.545
18	510.000	480.000	30.000	2.352	4.940	4.321	4.631	138.915
19	540.000	510.000	30.000	2.616	4.917	4.940	4.929	147.855
20	570.000	540.000	30.000	2.592	5.478	4.917	5.198	155.925
21	6[illegible].000	570.000	30.000	2.439	5.023	5.478	5.251	157.515
22	612.000	600.000	12.000	2.378	4.898	5.023	4.961	59.526
					Total			2985.822

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Project Area							
Sl. No.	Distance	Proposed Level	Existing Level	Cutting Area			
				Filling	Avg	Width	Area
	Mtrs	Mtrs	Mtrs	Mtrs	Mtrs	Mtrs	Sq. Meters
Section: 0							
1	-0.876	103.254	102.793	0.000	0.000	0.000	0.000
2	-0.874	102.793	102.793	0.000	0.000	0.002	0.000
3	-0.866	100.760	102.793	2.033	1.017	0.008	0.008
4	-0.500	100.753	102.793	2.040	2.037	0.366	0.745
5	0.000	100.744	102.793	2.049	2.045	0.500	1.022
6	0.500	100.736	102.793	2.057	2.053	0.500	1.027
7	0.909	100.729	102.793	2.064	2.061	0.409	0.843
8	0.917	102.793	102.793	0.000	1.032	0.008	0.008
9	0.919	103.202	102.793	0.000	0.000	0.002	0.000
				Total			**3.653**
Section: 30							
1	-0.942	102.867	102.731	0.000	0.000	0.000	0.000
2	-0.941	102.731	102.731	0.000	0.000	0.001	0.000
3	-0.932	100.493	102.731	2.238	1.119	0.009	0.010
4	-0.500	100.494	102.731	2.237	2.238	0.432	0.967
5	0.000	100.496	102.731	2.235	2.236	0.500	1.118
6	0.500	100.496	102.731	2.235	2.235	0.500	1.118
7	0.984	100.496	102.731	2.235	2.235	0.484	1.082
8	0.993	102.731	102.731	0.000	1.118	0.009	0.010
9	0.994	102.937	102.731	0.000	0.000	0.001	0.000
							4.305
Section: 60							
1	-0.933	103.052	102.656	0.000	0.000	0.000	0.000
2	-0.931	102.656	102.656	0.000	0.000	0.002	0.000
3	-0.923	100.576	102.656	2.080	1.040	0.008	0.008
4	-0.500	100.578	102.656	2.078	2.079	0.423	0.879
5	0.000	100.580	102.656	2.076	2.077	0.500	1.039
6	0.500	100.552	102.656	2.104	2.090	0.500	1.045
7	0.962	100.526	102.656	2.130	2.117	0.462	0.978
8	0.971	102.656	102.656	0.000	1.065	0.009	0.010
9	0.972	102.990	102.656	0.000	0.000	0.001	0.000
							3.959
Section: 90							
1	-0.946	102.828	102.570	0.000	0.000	0.000	0.000
2	-0.945	102.570	102.570	0.000	0.000	0.001	0.000
3	-0.936	100.451	102.570	2.119	1.060	0.009	0.010
4	-0.500	100.445	102.570	2.125	2.122	0.436	0.925
5	0.000	100.439	102.570	2.131	2.128	0.500	1.064
6	0.500	100.439	102.570	2.131	2.131	0.500	1.066

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Project Area							
Sl. No.	Distance	Proposed Level	Existing Level	Cutting Area			
				Filling	Avg	Width	Area
	Mtrs	Mtrs	Mtrs	Mtrs	Mtrs	Mtrs	Sq. Meters
7	0.933	100.439	102.570	2.131	2.131	0.433	0.923
8	0.942	102.570	102.570	0.000	1.066	0.009	0.010
9	0.943	102.806	102.570	0.000	0.000	0.001	0.000
							3.998
Section: 120							
1	-1.005	102.688	102.355	0.000	0.000	0.000	0.000
2	-1.004	102.355	102.355	0.000	0.000	0.001	0.000
3	-1.000	101.471	102.355	0.884	0.442	0.004	0.002
4	-0.995	100.253	102.355	2.102	1.493	0.005	0.007
5	-0.500	100.250	102.355	2.105	2.104	0.495	1.041
6	0.000	100.246	102.355	2.109	2.107	0.500	1.054
7	0.500	100.241	102.355	2.114	2.112	0.500	1.056
8	0.909	100.237	102.355	2.118	2.116	0.409	0.865
9	0.918	102.355	102.355	0.000	1.059	0.009	0.010
10	0.919	102.688	102.355	0.000	0.000	0.001	0.000
							4.035
Section: 150							
1	-1.037	102.625	102.313	0.000	0.000	0.000	0.000
2	-1.036	102.313	102.313	0.000	0.000	0.001	0.000
3	-1.027	100.165	102.313	2.148	1.074	0.009	0.010
4	-1.000	100.165	102.313	2.148	2.148	0.027	0.058
5	-0.500	100.165	102.313	2.148	2.148	0.500	1.074
6	0.000	100.165	102.313	2.148	2.148	0.500	1.074
7	0.500	100.165	102.313	2.148	2.148	0.500	1.074
8	0.931	100.165	102.313	2.148	2.148	0.431	0.926
9	0.940	102.313	102.313	0.000	1.074	0.009	0.010
10	0.941	102.692	102.313	0.000	0.000	0.001	0.000
							4.226
Section: 180							
1	-1.085	102.644	102.309	0.000	0.000	0.000	0.000
2	-1.084	102.309	102.309	0.000	0.000	0.001	0.000
3	-1.075	100.055	102.309	2.254	1.127	0.009	0.010
4	-1.000	100.055	102.309	2.254	2.254	0.075	0.169
5	-0.500	100.057	102.309	2.252	2.253	0.500	1.127
6	0.000	100.058	102.309	2.251	2.252	0.500	1.126
7	0.500	100.062	102.309	2.247	2.249	0.500	1.125
8	1.000	100.067	102.309	2.242	2.245	0.500	1.122
9	1.031	100.067	102.309	2.242	2.242	0.031	0.070
10	1.040	102.309	102.309	0.000	1.121	0.009	0.010
11	1.041	102.599	102.309	0.000	0.000	0.001	0.000
							4.759

Zadhao

Project Area							
Sl. No.	Distance	Proposed Level	Existing Level	Cutting Area			
				Filling	Avg	Width	Area
	Mtrs	Mtrs	Mtrs	Mtrs	Mtrs	Mtrs	Sq. Meters
Section: 210							
1	-1.073	102.508	102.169	0.000	0.000	0.000	0.000
2	-1.072	102.169	102.169	0.000	0.000	0.001	0.000
3	-1.063	100.058	102.169	2.111	1.056	0.009	0.009
4	-1.000	100.054	102.169	2.115	2.113	0.063	0.133
5	-0.500	100.019	102.169	2.150	2.133	0.500	1.066
6	0.000	99.984	102.169	2.185	2.168	0.500	1.084
7	0.500	99.974	102.169	2.195	2.190	0.500	1.095
8	0.960	99.964	102.169	2.205	2.200	0.460	1.012
9	0.969	102.169	102.169	0.000	1.103	0.009	0.010
10	0.970	102.508	102.169	0.000	0.000	0.001	0.000
							4.409
Section: 240							
1	-1.071	102.520	102.026	0.000	0.000	0.000	0.000
2	-1.069	102.026	102.026	0.000	0.000	0.002	0.000
3	-1.061	99.844	102.026	2.182	1.091	0.008	0.009
4	-1.000	99.846	102.026	2.180	2.181	0.061	0.133
5	-0.500	99.864	102.026	2.162	2.171	0.500	1.086
6	0.000	99.882	102.026	2.144	2.153	0.500	1.077
7	0.500	99.906	102.026	2.120	2.132	0.500	1.066
8	0.953	99.927	102.026	2.099	2.110	0.453	0.956
9	0.961	102.026	102.026	0.000	1.050	0.008	0.008
10	0.963	102.434	102.026	0.000	0.000	0.002	0.000
							4.335
Section: 270							
1	-0.947	101.962	101.648	0.000	0.000	0.000	0.000
2	-0.946	101.648	101.648	0.000	0.000	0.001	0.000
3	-0.937	99.760	101.648	1.888	0.944	0.009	0.008
4	-0.500	99.764	101.648	1.884	1.886	0.437	0.824
5	0.000	99.769	101.648	1.879	1.882	0.500	0.941
6	0.500	99.749	101.648	1.899	1.889	0.500	0.944
7	0.968	99.731	101.648	1.917	1.908	0.468	0.893
8	0.976	101.648	101.648	0.000	0.959	0.008	0.008
9	0.978	102.023	101.648	0.000	0.000	0.002	0.000
							3.618
Section: 300							
1	-0.947	101.634	101.268	0.000	0.000	0.000	0.000
2	-0.945	101.268	101.268	0.000	0.000	0.002	0.000
3	-0.937	99.541	101.268	1.727	0.864	0.008	0.007
4	-0.500	99.548	101.268	1.720	1.724	0.437	0.753

Sadhoo

Project Area							
Sl. No.	Distance	Proposed Level	Existing Level	Cutting Area			
				Filling	Avg	Width	Area
	Mtrs	Mtrs	Mtrs	Mtrs	Mtrs	Mtrs	Sq. Meters
5	0.000	99.557	101.268	1.711	1.716	0.500	0.858
6	0.500	99.589	101.268	1.679	1.695	0.500	0.848
7	0.991	99.620	101.268	1.648	1.664	0.491	0.817
8	0.999	101.268	101.268	0.000	0.824	0.008	0.007
9	1.000	101.433	101.268	0.000	0.000	0.001	0.000
10	1.001	101.634	101.268	0.000	0.000	0.001	0.000
							3.290
Section: 330							
1	-0.964	101.486	101.169	0.000	0.000	0.000	0.000
2	-0.962	101.169	101.169	0.000	0.000	0.002	0.000
3	-0.954	99.382	101.169	1.787	0.894	0.008	0.007
4	-0.500	99.416	101.169	1.753	1.770	0.454	0.804
5	0.000	99.453	101.169	1.716	1.735	0.500	0.867
6	0.500	99.483	101.169	1.686	1.701	0.500	0.850
7	1.000	99.513	101.169	1.656	1.671	0.500	0.835
8	1.005	99.513	101.169	1.656	1.656	0.005	0.008
9	1.013	101.169	101.169	0.000	0.828	0.008	0.007
10	1.015	101.508	101.169	0.000	0.000	0.002	0.000
							3.378
Section: 360							
1	-0.797	101.398	101.078	0.000	0.000	0.000	0.000
2	-0.795	101.078	101.078	0.000	0.000	0.002	0.000
3	-0.787	99.331	101.078	1.747	0.874	0.008	0.007
4	-0.500	99.311	101.078	1.767	1.757	0.287	0.504
5	0.000	99.277	101.078	1.801	1.784	0.500	0.892
6	0.500	99.242	101.078	1.836	1.819	0.500	0.909
7	0.778	99.223	101.078	1.855	1.846	0.278	0.513
8	0.786	101.078	101.078	0.000	0.928	0.008	0.007
9	0.788	101.463	101.078	0.000	0.000	0.002	0.000
							2.832
Section: 390							
1	-0.969	101.179	100.765	0.000	0.000	0.000	0.000
2	-0.967	100.765	100.765	0.000	0.000	0.002	0.000
3	-0.959	99.055	100.765	1.710	0.855	0.008	0.007
4	-0.500	99.040	100.765	1.725	1.718	0.459	0.788
5	0.000	99.024	100.765	1.741	1.733	0.500	0.866
6	0.500	99.008	100.765	1.757	1.749	0.500	0.875
7	0.970	98.993	100.765	1.772	1.765	0.470	0.829
8	0.978	100.765	100.765	0.000	0.886	0.008	0.007
9	0.980	101.241	100.765	0.000	0.000	0.002	0.000
							3.372

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Project Area							
Sl. No.	Distance	Proposed Level	Existing Level	Cutting Area			
				Filling	Avg	Width	Area
	Mtrs	Mtrs	Mtrs	Mtrs	Mtrs	Mtrs	Sq. Meters
Section: 420							
1	-0.884	100.790	100.449	0.000	0.000	0.000	0.000
2	-0.882	100.449	100.449	0.000	0.000	0.002	0.000
3	-0.874	98.711	100.449	1.738	0.869	0.008	0.007
4	-0.500	98.711	100.449	1.738	1.738	0.374	0.650
5	0.000	98.712	100.449	1.737	1.738	0.500	0.869
6	0.500	98.715	100.449	1.734	1.736	0.500	0.868
7	0.847	98.717	100.449	1.732	1.733	0.347	0.601
8	0.855	100.449	100.449	0.000	0.866	0.008	0.007
9	0.857	100.790	100.449	0.000	0.000	0.002	0.000
							3.002
Section: 450							
1	-0.968	100.900	100.480	0.000	0.000	0.000	0.000
2	-0.966	100.480	100.480	0.000	0.000	0.002	0.000
3	-0.958	98.832	100.480	1.648	0.824	0.008	0.007
4	-0.500	98.832	100.480	1.648	1.648	0.458	0.755
5	0.000	98.832	100.480	1.648	1.648	0.500	0.824
6	0.500	98.848	100.480	1.632	1.640	0.500	0.820
7	0.974	98.864	100.480	1.616	1.624	0.474	0.770
8	0.981	100.480	100.480	0.000	0.808	0.007	0.006
9	0.984	101.021	100.480	0.000	0.000	0.003	0.000
							3.182
Section: 480							
1	-1.170	100.990	100.593	0.000	0.000	0.000	0.000
2	-1.168	100.593	100.593	0.000	0.000	0.002	0.000
3	-1.160	98.741	100.593	1.852	0.926	0.008	0.007
4	-1.000	98.739	100.593	1.854	1.853	0.160	0.296
5	-0.500	98.731	100.593	1.862	1.858	0.500	0.929
6	0.000	98.724	100.593	1.869	1.866	0.500	0.933
7	0.500	98.781	100.593	1.812	1.841	0.500	0.920
8	1.000	98.837	100.593	1.756	1.784	0.500	0.892
9	1.193	98.859	100.593	1.734	1.745	0.193	0.337
10	1.201	100.593	100.593	0.000	0.867	0.008	0.007
11	1.203	100.909	100.593	0.000	0.000	0.002	0.000
							4.321
Section: 510							
1	-1.191	101.080	100.664	0.000	0.000	0.000	0.000
2	-1.189	100.664	100.664	0.000	0.000	0.002	0.000
3	-1.181	98.563	100.664	2.101	1.051	0.008	0.008
4	-1.000	98.561	100.664	2.103	2.102	0.181	0.380

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Project Area							
Sl. No.	Distance	Proposed Level	Existing Level	Cutting Area			
				Filling	Avg	Width	Area
	Mtrs	Mtrs	Mtrs	Mtrs	Mtrs	Mtrs	Sq. Meters
5	-0.500	98.554	100.664	2.110	2.107	0.500	1.053
6	0.000	98.547	100.664	2.117	2.114	0.500	1.057
7	0.500	98.549	100.664	2.115	2.116	0.500	1.058
8	1.000	98.551	100.664	2.113	2.114	0.500	1.057
9	1.151	98.552	100.664	2.112	2.113	0.151	0.319
10	1.159	100.664	100.664	0.000	1.056	0.008	0.008
11	1.161	101.039	100.664	0.000	0.000	0.002	0.000
							4.940
Section: 540							
1	-1.288	100.836	100.414	0.000	0.000	0.000	0.000
2	-1.286	100.414	100.414	0.000	0.000	0.002	0.000
3	-1.278	98.507	100.414	1.907	0.954	0.008	0.008
4	-1.000	98.512	100.414	1.902	1.905	0.278	0.529
5	-0.500	98.522	100.414	1.892	1.897	0.500	0.948
6	0.000	98.532	100.414	1.882	1.887	0.500	0.944
7	0.500	98.532	100.414	1.882	1.882	0.500	0.941
8	1.000	98.533	100.414	1.881	1.882	0.500	0.941
9	1.318	98.533	100.414	1.881	1.881	0.318	0.598
10	1.326	100.414	100.414	0.000	0.941	0.008	0.008
11	1.328	100.855	100.414	0.000	0.000	0.002	0.000
							4.917
Section: 570							
1	-1.350	100.927	100.507	0.000	0.000	0.000	0.000
2	-1.348	100.507	100.507	0.000	0.000	0.002	0.000
3	-1.340	98.390	100.507	2.117	1.059	0.008	0.008
4	-1.000	98.390	100.507	2.117	2.117	0.340	0.720
5	-0.500	98.390	100.507	2.117	2.117	0.500	1.059
6	0.000	98.390	100.507	2.117	2.117	0.500	1.059
7	0.500	98.381	100.507	2.126	2.122	0.500	1.061
8	1.000	98.371	100.507	2.136	2.131	0.500	1.066
9	1.232	98.367	100.507	2.140	2.138	0.232	0.496
10	1.240	100.507	100.507	0.000	1.070	0.008	0.009
11	1.242	100.972	100.507	0.000	0.000	0.002	0.000
							5.478
Section: 600							
1	-1.211	100.714	100.313	0.000	0.000	0.000	0.000
2	-1.209	100.313	100.313	0.000	0.000	0.002	0.000
3	-1.201	98.243	100.313	2.070	1.035	0.008	0.008
4	-1.000	98.243	100.313	2.070	2.070	0.201	0.416
5	-0.500	98.244	100.313	2.069	2.070	0.500	1.035
6	0.000	98.244	100.313	2.069	2.069	0.500	1.035

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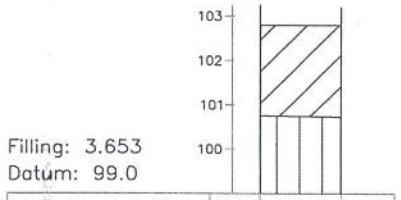
Project Area							
Sl. No.	Distance	Proposed Level	Existing Level	Cutting Area			
				Filling	Avg	Width	Area
	Mtrs	Mtrs	Mtrs	Mtrs	Mtrs	Mtrs	Sq. Meters
7	0.500	98.244	100.313	2.069	2.069	0.500	1.035
8	1.000	98.244	100.313	2.069	2.069	0.500	1.035
9	1.218	98.244	100.313	2.069	2.069	0.218	0.451
10	1.226	100.313	100.313	0.000	1.035	0.008	0.008
11	1.228	100.692	100.313	0.000	0.000	0.002	0.000
							5.023
Section: 612							
1	-1.155	100.661	100.258	0.000	0.000	0.000	0.000
2	-1.153	100.258	100.258	0.000	0.000	0.002	0.000
3	-1.145	98.185	100.258	2.073	1.037	0.008	0.008
4	-1.000	98.185	100.258	2.073	2.073	0.145	0.301
5	-0.500	98.186	100.258	2.072	2.073	0.500	1.036
6	0.000	98.187	100.258	2.071	2.072	0.500	1.036
7	0.500	98.189	100.258	2.069	2.070	0.500	1.035
8	1.000	98.192	100.258	2.066	2.068	0.500	1.034
9	1.213	98.193	100.258	2.065	2.066	0.213	0.440
10	1.221	100.258	100.258	0.000	1.033	0.008	0.008
11	1.223	100.683	100.258	0.000	0.000	0.002	0.000
							4.898

Sodha

Desilting of Storm Water Drain in Ward No-10 (Doddabommasandra), Vidyaranyapura Sub Division.



Filling: 3.653
Datum: 99.0

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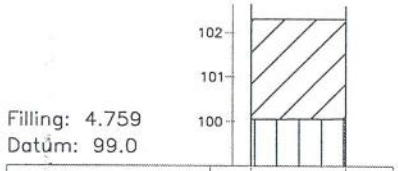
Desilting of Storm Water Drain in Ward No-10 (Doddabommasandra), Vidyaranyapura Sub Division.



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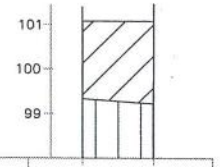
Desilting of Storm Water Drain in Ward No-10 (Doddabommasandra), Vidyaranyapura Sub Division.



Filling: 2.832
Datum: 98.0

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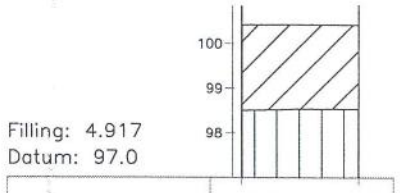
Desilting of Storm Water Drain in Ward No-10 (Doddabommasandra), Vidyaranyapura Sub Division.



Filling: 4.917
Datum: 97.0

| | | |

Desilting of Storm Wate
(Doddabommasandra), Vid

Cutting								
Filling	2.049	2.235	2.076	2.131	2.109	2.148	2.251	2.185
Proposed Level	100.744	100.496	100.580	100.439	100.246	100.165	100.058	99.984
Existing Level	102.793	102.731	102.656	102.570	102.355	102.313	102.309	102.169
Distance	0.000	30.000	60.000	90.000	120.000	150.000	180.000	210.000

L Sectio

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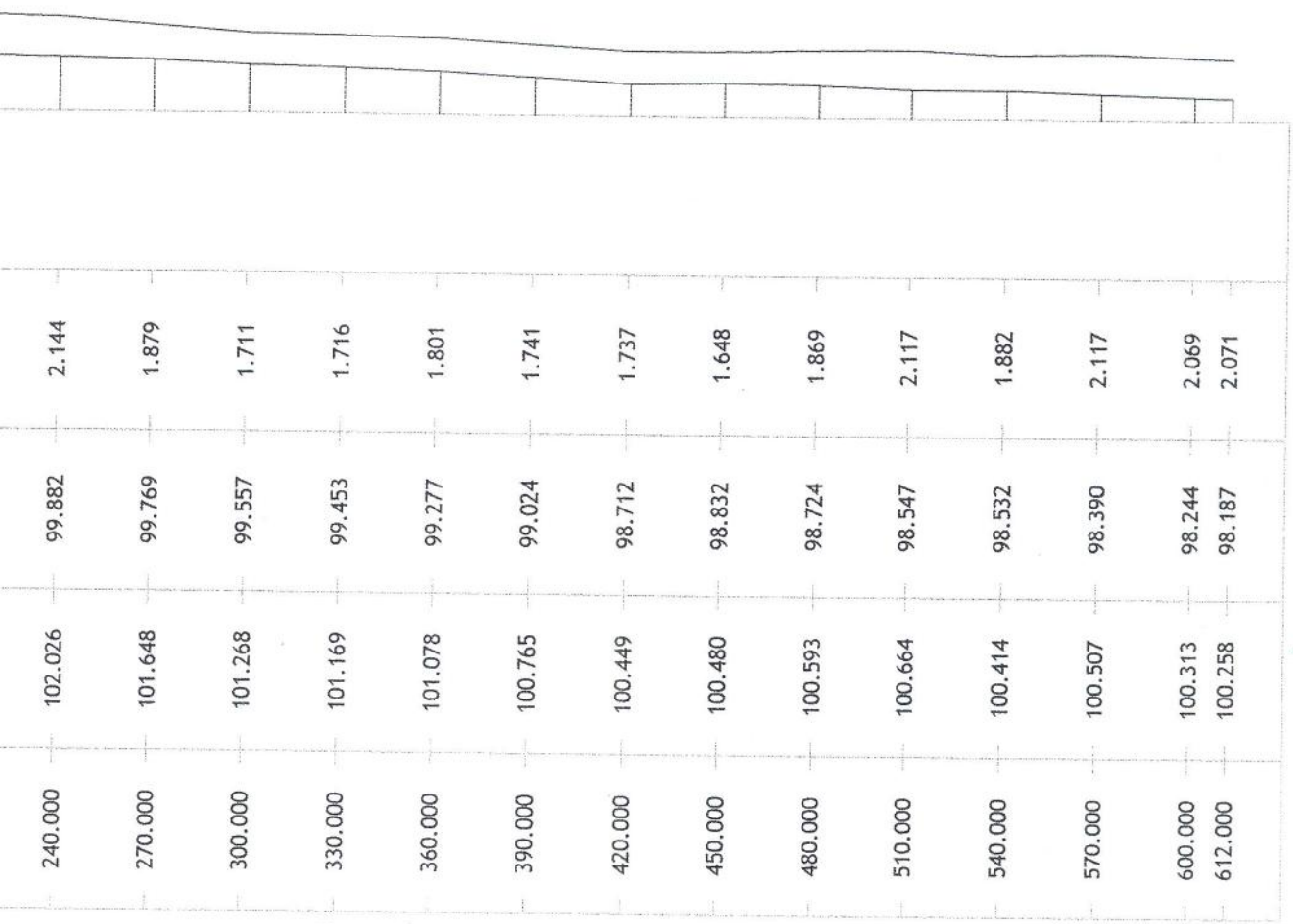
Section officer

Asst Executive Engineer,

Drain in Ward No-10
aranyapura Sub Division.



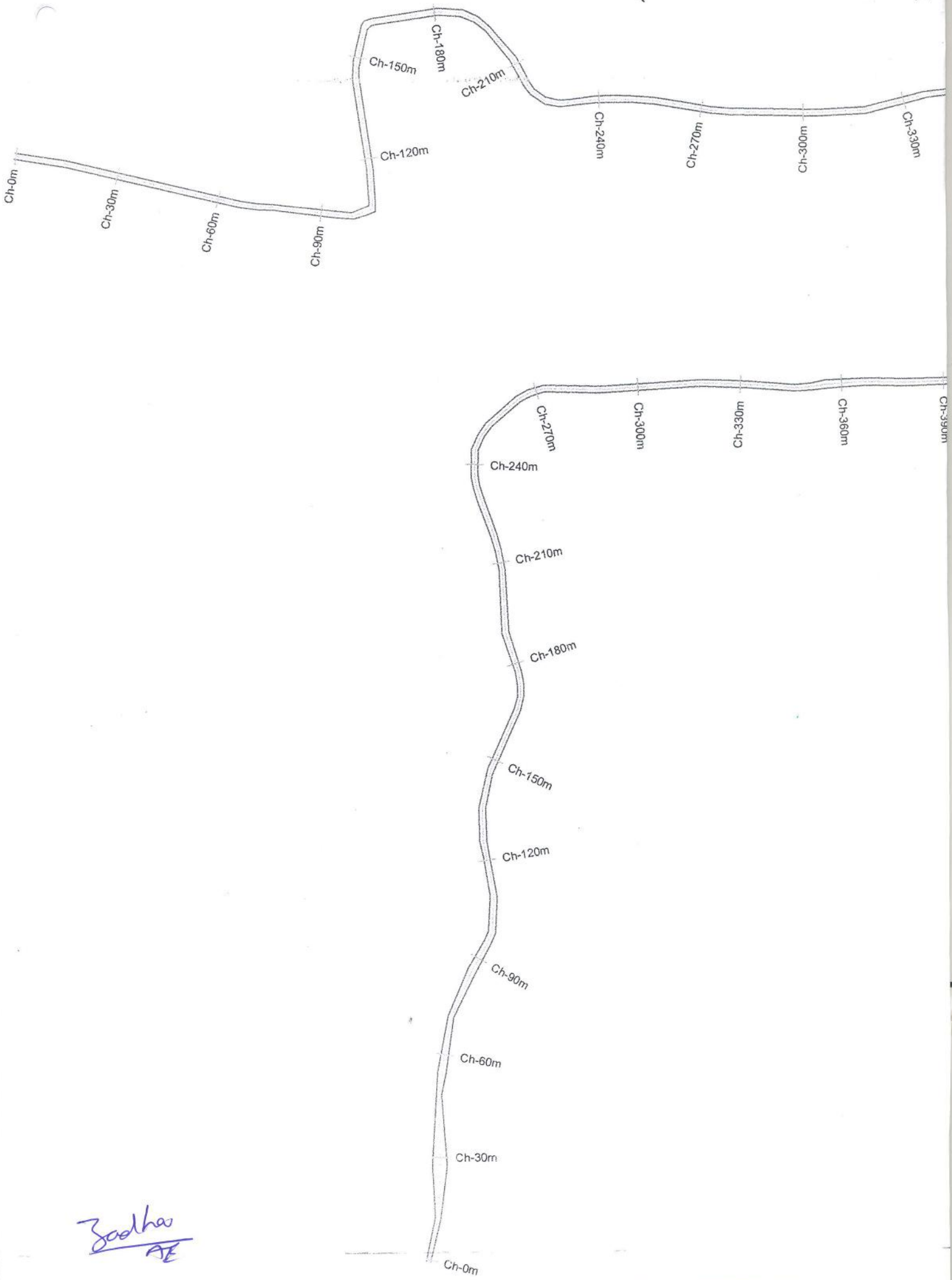
@ Chainage [0.000 – 612.000]m

Scale – 1 in 3000 : Ver Scale – 1 in 500]

Executive Engineer,

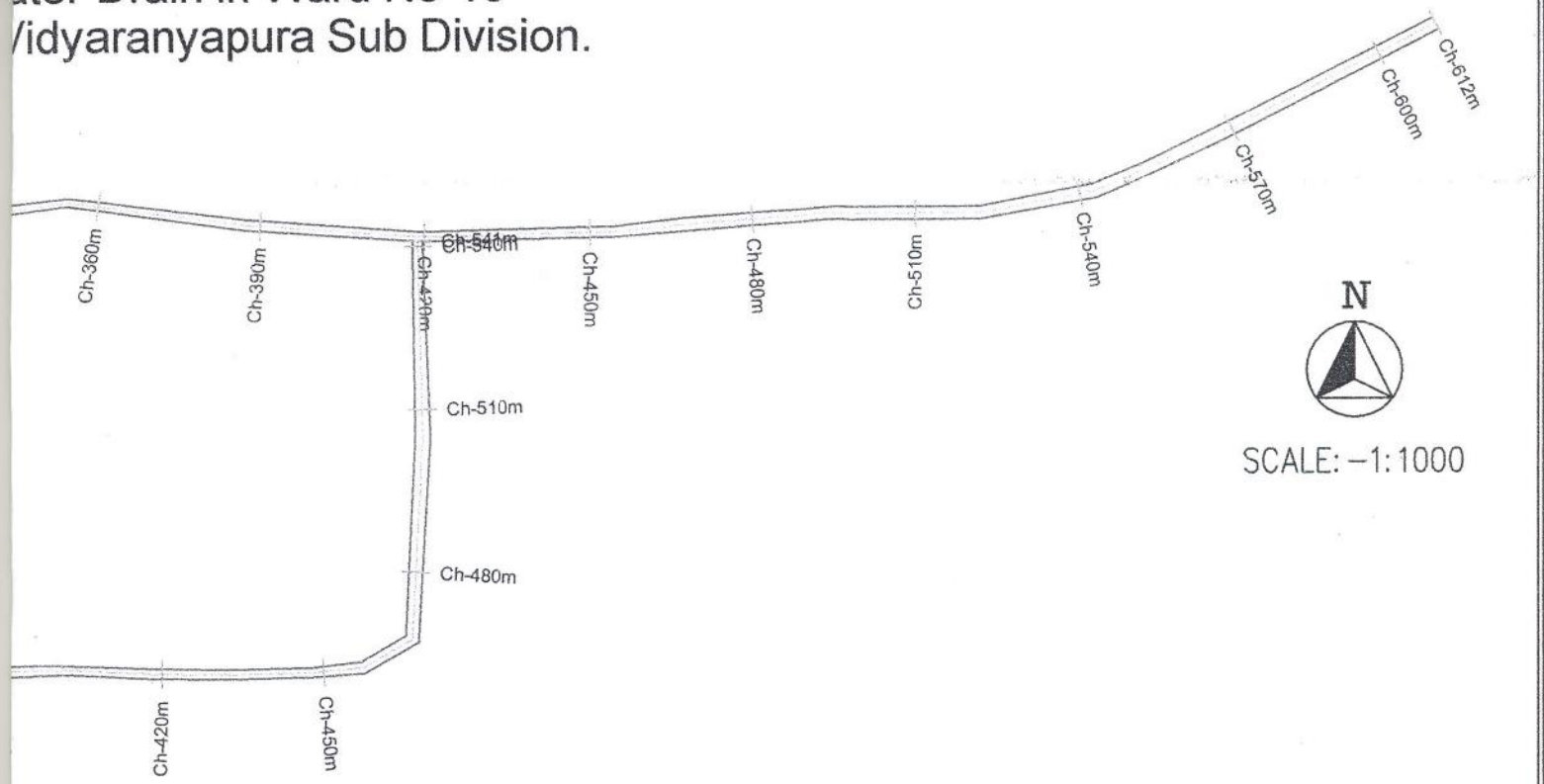
SURVEY ENGINEERING & MAPPING CONSULTANTS
GLOBAL SURVEYS,
#10/2, 19TH CROSS, GANGAMMA GARDEN, MALAGALA MAIN ROAD
NAGARABHAVI 2ND STAGE, BENGALURU - 560072
MOBILE: 94496 94620 , 98442 33760
E-Mail: globalsurveys@yahoo.com

Desilting of Storm W
(Doddabommasandra), V



Bodha
AE

ater Drain in Ward No-10
/idyaranyapura Sub Division.



SCALE: –1:1000

INDEX			
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MAN HOLE	MH	TREE'S	
BORE WELL	BW		
KILOMETER STONE	KM		

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